

## LISTING OF THE CLAIMS

Claims 1-9 (Canceled)

10.(Currently amended) A method of transmitting transverse ultrasonic waves between a surface of a transmitting, respectively receiving, transducer for transverse ultrasonic waves; and

a surface of a probe , wherein said method comprises

providing a homogenized mixture of at least one ~~polysaccharide~~ polysaccharide or one disaccharide, a surface-active substance and water as a coupling medium for transverse ultrasonic waves and applying said homogenized mixture to at least one of either said surface of a transmitting, respectively receiving, transducer for transverse ultrasonic waves or a surface of a probe; and pressing said probe and said transducer together.

11.(Previously presented) The method combination of claim 10, wherein said mixture is composed of a maximum of 50% water.

12.(Previously presented) The method of claim 10, wherein said mixture is composed solely of biocompatible substances.